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PERSHORE RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1970

W. H. H. H.

EVESHAM 2941

M.O.H.'s Office,
Lansdowne,
Port Street,
EVESHAM,
Worcs..

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PERSHORE RURAL DISTRICT COUNCIL

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR
THE YEAR 1970

Chairman of the Council	.....	G.H. Hall-Jones, Esq.
Vice-Chairman of the Council	.....	R.J. Beckley, Esq.
Chairman of the Public Health Committee	.....	Col. R.F. Harrison (Retired May 1970) J.T. Mason, Esq. (Elected June 1970)
Clerk of the Council	.....	W.G. Trapp, Esq.

MEMBERS OF THE PUBLIC HEALTH COMMITTEE

D.H. Burlingham, Esq.	D.S. Kirkpatrick, Esq. (3)
T. Camden, Esq. (1)	T. Lawrence, Esq. (1)
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Mrs. J.M. Jones (1)	A.J. Wilshaw, Esq. (2)

- (1) Appointed June 1970.
(2) Retired May 1970.
(3) Appointed October 1970.

STAFF OF THE PUBLIC HEALTH DEPARTMENT

Medical Officer of Health	.....	Dr. D.E. Thompson, O.B.E., M.B., B.Ch. D.P.H.
Chief Public Health Inspector	.....	R.G. Warren, Esq., M.A.P.H.I.
Additional Public Health Inspector	.....	J.G. Clarke, Esq., M.A.P.H.I.
Clerk	.....	Miss D.G. Coldicott.

ANNUAL REPORT FOR THE YEAR 1970

TO THE CHAIRMAN AND MEMBERS OF THE PERSHORE
RURAL DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have much pleasure in presenting my Annual Report on the state of the Public Health in the Rural District of Pershore for the year 1970, and the work carried out by your Public Health Department.

As was the case in the previous year, the statistics indicate a generally satisfactory state of health in the District.

The estimated population shows an increase of 200 on the figure for the previous year. These estimates are based on the 1961 Census, and will become more precise when we have the results of the 1971 Census, which will also give us more accurate figures for the populations of the various Parishes.

The birth rate was above the average for England and Wales, and the standardised death rate was below the national average.

With regard to infectious diseases, there was a substantial drop in the notifications of infectious jaundice, only 6 cases being notified, compared with 56 in 1969. There was, however, an increase in the notifications of measles, 105, compared with only 2 in 1969.

Only one case of tuberculosis was notified, and the slow downward trend in the total number of cases on the register has been maintained:

<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
96	92	82	76	37	35
<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	
35	34	32	34	27	

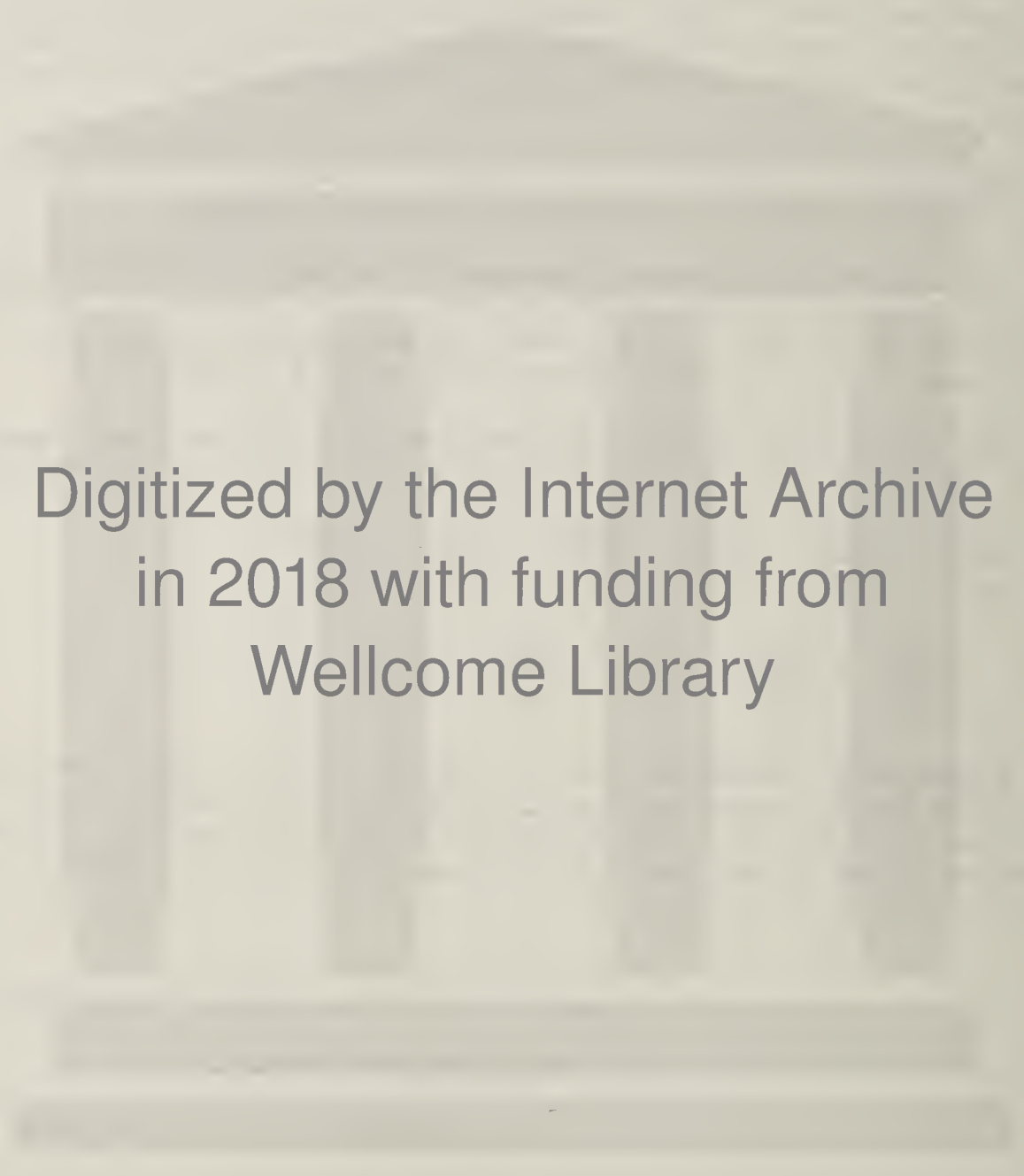
I gratefully acknowledge the assistance I have received from the Chief Public Health Inspector, Mr. R.G. Warren, and his staff, in the preparation of this report, and I should like to thank you, Mr. Chairman, and Members of the Council and their Officers for their co-operation during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

D.E. THOMPSON, O.B.E., M.B. B.Ch., D.F.H.

Medical Officer of Health.



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SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in Acres - 57,887

Registrar General's Estimate of resident population: (Census 1951 - 16,386)
(Census 1961 - 17,617)

Mid 1970 - 21,310

Mid 1969 - 21,110

Mid 1968 - 21,200

Number of inhabited houses:

End of 1970 - 7,017

End of 1969 - 6,908

End of 1968 - 6,790

Sum represented by a penny rate - 1st April, 1970 - £3,110.

Rateable Value - 1st April, 1970 - £782,149.

Industries of Area: The District is mainly agricultural. With the opening of small industrial estates, mainly in the neighbourhood of Pershore itself, there has been a steady increase in industrial activities, these being confined to carbon and light engineering.

Population and Acreage of Parishes:

Parish	Acreage	Population	
		1951 Census	1961 Census
Abberton	999	72	67
Besford	1383	393	270
Birlingham	1272	318	269
Bishampton	1910	309	276
Bredicot	399	36	28
Bredon	3048	1028	1240
Bredon's Norton	1106	159	155
Bricklehampton	914	186	163
Broughton Hackett	386	146	136
Charlton	1619	464	401
Churchill	670	30	28
Comberton, Great	965	232	201
Comberton, Little	790	225	227
Croptborne	1518	416	545
Defford	1691	466	479
Dormston	820	66	74
Drakes Broughton & Wadborough	3345	559	625
Eckington	2165	683	803
Elmley Castle	2062	310	310
Fladbury	1573	589	582
Flyford Flavell	692	116	118
Grafton Flyford	1680	202	144
Hill & Moor	1368	445	455
Kington	1071	111	164
Naunton Beauchamp	1030	99	102
Netherton	737	55	41
North Piddle	797	110	110
Norton-juxta-Kempsey	1844	733	959
Peopleton	1539	249	265
Pershore	2797	3535	5181
Pinvin	1053	576	546
Pirton	1690	168	118
St. Peter the Great County, Worcester.	441	95	82
Spetchley	1012	115	116
Stoulton	1959	404	423
Strensham	1970	152	181
Throckmorton	1522	976	152
Upton Snodsbury	1691	314	281
White Ladies Aston	1236	240	244
Whittington	1048	357	390
Wick	1676	311	381
Wyre Piddle	401	336	285
TOTALS	57887	16386	17617

VITAL STATISTICS

(1969 figures in brackets)

POPULATION: (Estimated) Mid 1970 - 21,310 (21,110)

LIVE BIRTHS:

	<u>M</u>		<u>F</u>		<u>Total</u>	
Legitimate	163	(146)	149	(142)	312	(288)
Illegitimate	11	(15)	5	(8)	16	(23)
	174	(161)	154	(150)	328	(311)

BIRTH RATE: (Births per 1,000 Population)

	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>	<u>England/Wales 1970</u>
Crude	15.4	14.7	14.1	16.3	
Comparability Factor	1.09	1.09	1.09	1.10	16.0
Standardised	16.8	16.0	15.36	17.93	

Illegitimate live births as percentage of all live births:

<u>1970</u>	<u>England/Wales 1970</u>
5	8

STILL BIRTHS:

	<u>M</u>		<u>F</u>		<u>Total</u>	
Legitimate	1	(3)	-	(2)	1	(5)
Illegitimate	1	(-)	-	(-)	1	(-)
	2	(3)	-	(2)	2	(5)

Still Birth Rate: (Still births per 1,000 total live and Still births)

	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>	<u>England/Wales 1970</u>
	6	16	39.0	12.0	13

DEATHS:

	<u>M</u>		<u>F</u>		<u>Total</u>	
	124	(129)	103	(101)	227	(230)

Death Rate: (Deaths per 1,000 Population)

	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>	<u>England/Wales 1970</u>
Crude	10.7	10.9	11.03	9.4	
Comparability Factor	.98	.98	1.03	.99	11.7
Standardised	10.5	10.7	11.3	9.3	

DEATHS BY AGE GROUPS:

<u>Age Group</u>	<u>M</u>		<u>F</u>		<u>Total</u>	
Under 1 year	6	(3)	3	(1)	9	(4)
1 - 14 years	3	(2)	1	(1)	4	(3)
15 - 24 years	2	(4)	-	(2)	2	(6)
25 - 64 years	31	(30)	18	(21)	49	(51)
65 years +	82	(90)	81	(76)	163	(166)
	124	(129)	103	(101)	227	(230)

MAJOR CAUSES OF DEATH:

	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>
1. Diseases of Circulatory System	48.01%	50.0%	47.8%	60.2%
2. Malignant Disease (Total)	12.70%	29.17%	20.1%	11.3%
3. Respiratory Disease (excluding T.B)	10.57%	11.3%	15.4%	5.9%
4. Cancer of Lungs	2.68%	9.6%	2.6%	1.6%
5. Motor Vehicle Accidents	3.9% (1.7%)	4.23% (2.17%)	2.13% (.85%)	3.75% (1.07%)
6. All other Accidents	(2.2%)	(2.6%)	(1.28%)	(2.68%)
7. Suicides	.44%	.43%	1.28%	1.07%
8. Influenza	.88%	1.8%	2.1%	Nil
9. Tuberculosis	.44%	Nil	.42%	1.07%
10. Bronchitis	3.5%	5.2%	-	-

CAUSES OF DEATHS IN THE PERSHORE RURAL DISTRICT, 1970.

<u>Cause of Death</u>	<u>M</u>	<u>F</u>	<u>Total</u>
Late effects of Respiratory T.B.	1	-	1
Meningococcal Infection	1	-	1
Other Infective and Parasitic Diseases	-	2	2
Malignant Neoplasm, Oesophagus	1	1	2
Malignant Neoplasm, Stomach	2	1	3
Malignant Neoplasm, Intestine	5	4	9
Malignant Neoplasm, Larynx	2	-	2
Malignant Neoplasm, Lung, Bronchus	5	1	6
Malignant Neoplasm, Breast	-	1	1
Malignant Neoplasm, Uterus	-	4	4
Malignant Neoplasm, Prostate	2	-	2
Leukaemia	2	1	3
Other Malignant Neoplasms	9	7	16
Diabetes Mellitus	1	2	3
Other Endocrine etc. Diseases	-	2	2
Meningitis	1	-	1
Multiple Sclerosis	-	1	1
Other Diseases of Nervous System	-	2	2
Chronic Rheumatic Heart Disease	1	-	1
Hypertensive Disease	6	3	9
Ischaemic Heart Disease	23	17	40
Other Forms of Heart Disease	7	8	15
Cerebrovascular Disease	17	18	35
Other Diseases of Circulatory System	3	6	9
Influenza	2	-	2
Pneumonia	5	7	12
Bronchitis and Emphysema	6	3	9
Other Diseases of Respiratory System	3	-	3
Peptic Ulcer	1	-	1
Intestinal Obstruction and Hernia	1	1	2
Cirrhosis of Liver	1	1	2
Other Diseases of Digestive System	1	-	1
Nephritis and Nephrosis	3	1	4
Hyperplasia of Prostate	1	-	1
Other Diseases, Genito-Urinary System	1	-	1
Congenital Anomalies	2	-	2
Birth Injury, Difficult Labour, etc.	2	2	4
Other Causes of Perinatal Mortality	1	1	2
Motor Vehicle Accidents	4	-	4
All other Accidents	-	5	5
Suicide and Self-Inflicted Injuries	-	1	1
All other external causes	1	-	1
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TOTAL:	124	103	227
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MATERNAL DEATHS: (Maternal deaths per 1,000 total live and still births)

<u>Maternal mortality:</u>	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>
	Nil	Nil	Nil	Nil

INFANT DEATHS: (Infant deaths under 1 year of age)

	<u>M</u>	<u>F</u>	<u>Total</u>
Legitimate	6 (3)	2 (1)	8 (4)
Illegitimate	- (-)	1 (-)	1 (-)
	<u>6 (3)</u>	<u>3 (1)</u>	<u>9 (4)</u>

NEONATAL DEATHS: (Under 4 weeks of age)

	<u>M</u>	<u>F</u>	<u>Total</u>
Legitimate	4 (2)	2 (1)	6 (3)
Illegitimate	- (-)	1 (-)	1 (-)
	<u>4 (2)</u>	<u>3 (1)</u>	<u>7 (3)</u>

EARLY INFANT DEATHS: (Under 1 week)

	<u>M</u>	<u>F</u>	<u>Total</u>
Legitimate	4 (1)	1 (1)	5 (2)
Illegitimate	- (-)	1 (-)	1 (-)
	<u>4 (1)</u>	<u>2 (1)</u>	<u>6 (2)</u>

PERINATAL DEATHS: (Still births and deaths of infants under 1 week)

	<u>M</u>	<u>F</u>	<u>Total</u>
Legitimate	5 (4)	1 (3)	6 (7)
Illegitimate	1 (-)	1 (-)	2 (-)
	<u>6 (4)</u>	<u>2 (3)</u>	<u>8 (7)</u>

INFANT, NEONATAL AND PERINATAL MORTALITY RATES: (Per 1,000 live births)

	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>	<u>1970</u> <u>England/Wales</u>
Deaths of legitimate infants	26	13	20.1	21.5	17
Deaths of illegitimate infants	63	Nil	13.4	Nil	26
Infant Mortality rate (under 1 year)	27	13	16.8	21.5	18
Neonatal Mortality rate (under 4 weeks)	21	10	10.07	9.2	12
Perinatal Mortality rate (still births & deaths of infants under 1 week) per 1,000 live & still births.	24	22	45.1	15.2	23

CAUSES OF INFANTS DEATHS:

	<u>1970</u>
Meningococcal Infection	1
Diseases of Respiratory System	1
Congenital Malformation	1
Birth Injury, Difficult Labour, etc.	4
Other causes of Perinatal Mortality	2
	<u>9</u>

SECTION B

GENERAL PROVISIONS OF HEALTH SERVICES

a) Child Health Clinics:

<u>Centre</u>	<u>Situation</u>	<u>Time of Holding</u>
Bishampton	Dolphin Inn, Bishampton.	4th Tuesday, 2 - 4 p.m.
Bredon	Village Hall, Bredon.	Last Friday, 2.30 p.m.
Drakes Broughton	Village Hall, Drakes Broughton.	2nd & 4th Monday,, 2.15 p.m.
Eckington	Village Hall, Eckington.	2nd Friday, 2.00 p.m.
Fladbury	Village Hall, Fladbury.	3rd Thursday, 2.00 p.m.
Norton-Juxta-Kempsey	Methodist Chapel, Littleworth.	2nd Tuesday, 2.30 p.m.
Pershore	W.I. Hall, Priest Lane, Pershore.	1st & 3rd Wednesday, 2.00 p.m.

b) & c) Midwifery; Home Nursing.

The County Council provided nurse/midwives who attended general nursing and midwifery cases in the home. Parishes served by nurses were as follows:-

Nurses stationed at:

Bishampton:

Duties being undertaken by
Chadbury Nurse - Tel. No.
Evesham 2144.

Little Comberton:

Duties at present shared between
Pershore & Evesham Nurses.

Earl's Croome:

Tel.No. Upton-on-Severn 2138

Eckington:

Tel.No. Eckington 250

Fladbury:

Tel.No. Cropthorne 403

Kemerton:

Tel.No. Overbury 212

Pershore:

Tel.No. Pershore 2522

Pershore:

Tel.No. Pershore 2922

Upton Snodsbury:

Tel. No. Upton Snodsbury 497

White Ladies Aston:

Tel. No. Spetchley 286

Parishes Served:

Abberton, Bishampton, Flyford Flavell (Part),
North Piddle, Naunton Beauchamp, Peopleton.

Elmley Castle, Netherton, Kersoe, Brickle-
hampton, Little Comberton, Great Comberton.

Strensham, Defford, Besford, Pirton.

Eckington, Bredon's Norton, Bredon's
Hardwick, Bredon.

Cropthorne, Charlton, Lower Moor, Throck-
morton, Wyre, Fladbury, R.R.E. Pinvin.

Kinsham, Westmancote.

Pershore, Pinvin.

Pershore, Wick, Pensham, Birlingham.

Kington, Dormston, Upton Snodsbury, Libbery,
Grafton Flyford, Broughton Hackett, Flyford
Flavell (Part).

Stoulton, Drakes Broughton, Norton,
Wadborough, Whittington, White Ladies
Aston, Spetchley, Bredicot.

d) School Health Service:

This was provided by the County Council and included the routine medical inspection of school children, special medical examinations and continued care of all handicapped children, dental inspections, treatment, and dental health education, and arrangements for the referring of children, where necessary, for specialist attention at eye clinics, hearing testing clinics, orthopædic clinics, speech therapy sessions, and the child guidance psychiatric clinic.

Increasing attention was given to the health education of school children, and assistance in this respect was given to the staff at the Pershore High School and other schools in the District.

e) Laboratory Facilities:

The County Council provided a laboratory for the chemical and bacteriological analysis of water, milk and other foods.

The Public Health Laboratory Service provided at the Royal Infirmary, Worcester, facilities for the bacteriological examination of specimens in connection with the diagnosis and prevention of spread of infectious disease.

f) Hospital Services:

Infectious Disease	Newtown Hospital, Worcester.
Tuberculosis	Newtown Hospital, Worcester.
Maternity	Avonside Hospital, Evesham. Ronkswood Hospital, Worcester.
Children's Diseases	Worcester Royal Infirmary. Children's Hospital, Birmingham.
Venereal Diseases	Worcester Royal Infirmary.
Mental Illness	Powick Hospital.
General	Pershore Cottage Hospital. Evesham General Hospital (Briar Close). Worcester Royal Infirmary. Tewkesbury Hospital. Cheltenham General Hospital.
Aged Sick	Evesham General Hospital. (Avonside Branch).

g) Immunisation Services:

These were provided by the County Council at child health clinics and in schools.

Protection was offered, free of charge, against the following diseases:-

Diphtheria, whooping cough, tetanus, poliomyelitis, measles and smallpox, and in the case of school children aged about 13 years, when a simple test had shown that it was necessary, B.C.G. Vaccination against tuberculosis.

h) Ambulance Service:

This was also provided by the County Council, two ambulances being stationed in Pershore.

i) Home and Domestic Help Service:

This was organised by the County Council.

W A T E R A N A L Y S E S

	CHLORINATED				
	COVENTRY (Ex. R. Severn)	TEWKESBURY / OVERBURY MIXTURE	WORCESTER CITY (Ex. R. Severn)	OVERBURY (Land Springs)	WESTMANCOTE (Land Springs)
<u>Physical Characters</u>					
Colour	Colourless		Colourless	Colourless	None
Odour	None	None	None	None	Nil
Deposit	Nil	Brown	None	Nil	8.2
Ph.	7.7	7.8	7.4	7.1	
<u>Chemical Examination</u>					
Solids in Solution (Dried at 180°C)	290	250	250	290	270
Solids in Solution after ignition	170	210	155	165	240
Chlorine present as Chloride	30	34	38	21	19
Hardness Non-Carbonate	82	50	83	78	90
Hardness Carbonate	90	90	69	120	130
Hardness Total	172	140	152	198	220
Ammoniacal Nitrogen	0.03	0.01	0.03	Trace	0.02
Albuminoid Nitrogen	0.07	0.07	0.10	Trace	Trace
Nitrate Nitrogen	3.3	6.2	4.9	7.7	4.9
Nitrite Nitrogen	0.006	Nil	Nil	Nil	Nil
Permanganate Value (4 hours at 27°C)	1.1	0.92	1.4	0.15	Nil
Toxic Metals	None detected	None detected	None detected	None detected	None detected
Fluorine	Trace			0.06	
Residual Chlorine Free			Nil		
Residual Chlorine Combined			0.2		
Residual Chlorine Total	0.05		0.2	4.	
Free Carbon Dioxide					
<u>Bacteriological Examination</u>					
Probable number of coliform bacilli, MacConkey 2 days 37°C per 100 m.l.	Nil	Nil	Nil	Nil	Nil
Probable number of faecal coli per 100 m.l. expressed in parts per million	Nil	Nil	Nil	Nil	Nil

PARISH	FROM PUBLIC MAINS		FROM PRIVATE SUPPLIES		SOURCE OF PUBLIC SUPPLY
	Number of Dwellings	Estimated Population	Number of Dwellings	Estimated Population	
1. Abberton	19	64	1	4	Ex Worcester City
2. Besford	50	151	3	11	Overbury/Tewkesbury
3. Birlingham	118	346	8	25	Overbury/Tewkesbury
4. Bishampton	192	600	3	9	Coventry
5. Bredicot	10	30	1	3	Ex Worcester City
6. Bredon	498	1,582	2	7	Bredon Hill, Overbury/ Tewkesbury & E.W.W.B.
7. Bredons Norton	71	201	4	12	Overbury/Tewkesbury
8. Bricklehampton	65	191	2	8	Coventry
9. Broughton Hackett	46	141	2	7	Worcester City
10. Charlton	149	430	6	20	Coventry
11. Churchill	11	34	0	0	Worcester City
12. Comberton, Great	85	259	4	13	Coventry
13. Comberton, Little	145	428	1	3	Coventry
14. Cropthorne	213	650	6	20	Coventry
15. Defford	170	505	3	10	Overbury/Tewkesbury
16. Dormston	39	108	4	12	Worcester City
17. Drakes Broughton & Wadborough	392	1,166	9	29	Worcester City
18. Eckington	324	972	17	58	Overbury/Tewkesbury
19. Elmley Castle	86	257	62	169	Coventry
20. Fladbury	239	721	6	19	Coventry
21. Flyford Flavell	70	130	0	0	Worcester City
22. Grafton Flyford	54	155	1	4	Worcester City
23. Hill & Moor	195	581	4	10	Worcester City/Coventry

<u>PARISH</u>	<u>FROM PUBLIC MAINS</u>		<u>FROM PRIVATE SUPPLIES</u>		<u>SOURCE OF PUBLIC SUPPLY</u>
	Number of Dwellings	Estimated Population	Number of Dwellings	Estimated Population	
24. Kington	115	334	6	15	Worcester City
25. Naunton Beauchamp	60	160	1	4	Worcester City
26. Netherton	11	35	1	3	Coventry
27. North Piddle	41	107	2	8	Worcester City
28. Norton-juxta-Kempsey	236	707	7	21	Worcester City
29. Peopleton	182	549	1	6	Worcester City
30. Pershore	1,852	5,595	5	17	Overbury/Tewkesbury, Worcester, Coventry
31. Pinvin	198	598	2	6	Worcester City
32. Pirton	43	139	4	15	Worcester City
33. St. Peter the Gt.County, Worcester	25	78	0	0	Worcester City
34. Spetchley	23	66	6	18	Worcester City
35. Stoulton	144	437	5	18	Worcester City
36. Strensham	58	131	2	7	Overbury/Tewkesbury
37. Throckmorton	37	112	0	0	Coventry
38. Upton Snodsbury	140	412	3	10	Worcester City
39. White Ladies Aston	86	249	7	21	Worcester City
40. Whittington	138	408	6	21	Worcester City
41. Wick	155	475	2	7	Coventry
42. Wyre Piddle	158	474	4	12	Coventry
TOTALS	6,943	20,768	213	662	

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

1. Sanitary Inspection of the Area:

A summary of Inspections by the Public Health Department is given in the statistics at the end of the Report.

2. Water Supply:

A total of 6,943 dwellings with an estimated population of 20,768 are supplied from the public mains.

The South West Worcestershire Water Board is responsible for the maintenance of the public water supplies throughout the area.

The main sources of supply are the Springs supply on Bredon Hill and the Worcester City River Severn abstraction works. Bulk supplies are obtained from the Coventry and Cheltenham Corporations.

SAMPLES TAKEN:

	RESULT	
	Bacteriological	
	Satisfactory	Unsatisfactory
<u>PUBLIC SUPPLIES</u>		
Mains Samples	3	1
<u>PRIVATE SUPPLIES</u>		
Elmley Castle Village Supply	21	17
Wells and other Private Supplies	2	9

In addition a small number of samples were taken for chemical analysis during the year following receipt of complaints, usually of taste.

DRAINAGE AND SEWERAGE

Sewers and Sewage Disposal Works are provided and maintained throughout the District as follows:-

<u>Bishampton</u>	Sewage pumped to upward-flow sedimentation tank; settled effluent passing percolating filter and humus tank before being discharged to stream.
<u>Bredon</u>	Village sewered on 'combined' system. Sewage received, primary settlement and effluent is then discharged by feed channels for land treatment. Major sewerage scheme in progress, including provision of new sewage disposal works.
<u>Broughton Hackett</u>	Small gravity works, with settlement tank, filter and humus tank.
<u>Comberton, Great</u>	A 'package deal' Extended Aeration Plant, followed by an upward flow clarifier.
<u>Comberton, Little</u>	Sewage pumped to upward-flow sedimentation tank, settled effluent passing through percolating filter to humus tank.
<u>Crothorne</u>	Crude sewage pumped to upward-flow sedimentation tank; settled effluent passing through percolating filter and humus tank before being discharged to river. Major extensions to sewage disposal works in progress.
<u>Defford</u>	Gravity works with settlement and filtration.
<u>Drakes Broughton</u>	Sewage pumped to duplicate upward-flow sedimentation tanks, followed by filtration and settlement of humus.
<u>Eckington</u>	Partially separate system. Sewage pumped to horizontal-flow sedimentation tanks, settled effluent gravitating to percolating filters, followed by settlement of humus.
<u>Kington</u>	Settled effluent pumped to percolating filter, followed by humus settlement.
<u>Littleworth</u>	Small treatment plant with crude sewage pumped to sedimentation tank, followed by filtration and settlement of humus.
<u>Lower Moor</u>	Sewage pumped to upward-flow sedimentation tank, settled effluent passing through percolating filter and humus tank.
<u>Peopleton</u>	Sewage pumped to extended aeration plant with balancing tank incorporated, after which it passes through an upward-flow Clarifier and settlement tank.
<u>Sneachill</u>	Small gravity works, with settlement tank, filter and humus tank.
<u>Upton Snodsbury</u>	Settled effluent pumped to percolating filter, followed by settlement of humus.
<u>Whittington</u>	Gravity works with storm overflow, settling tank and filter.
<u>Pershore</u>	

Sewage from the Parishes of Pershore, Pinvin, Wick and Wyre Piddle is delivered to a main pumping station in Defford Road, Pershore, from whence it is pumped via a 12" diameter Rising Main to the Sewage Disposal Works at Tyddesley Wood. Here it is passed for treatment through upward-flow sedimentation tanks, bacteria beds and humus tanks before being discharged to Bow Brook.

Work is well in hand on Phase I of the scheme which covers the enlargement of the Sewage Disposal Works at Tyddesley Wood, and which includes the provision of Heated Sludge Digestion equipment. Phase I should be completed during the early part of 1971, and it is intended that Phase 2 shall follow almost immediately.

Sewerage

Work continued on both the Bredon and the South Eastern Area Sewerage and Sewage Disposal Schemes. In neither case has provision been made for the treatment of sewage sludge, it being intended that the crude sludge shall be transported to the Pershore Works for treatment in the Heated Digestion Plant.

REFUSE COLLECTION AND DISPOSAL

Refuse collection and disposal is controlled through the Engineer & Surveyor's Department.

During the year, a weekly collection of Refuse has been maintained throughout the whole of the Rural District.

The Council has one centralised controlled tip at Throckmorton.

SUMMARY OF SANITARY INSPECTIONS DURING THE YEAR (OTHER THAN HOUSING)

Number of premises visited	897
Defects or nuisance found	28
Defects or nuisance abated	26
Number of informal Notices served	26
Number of Statutory Notices served	-
New drainage to sewers	26
New drainage to septic tanks	33
Drains tested	59
Number of factories inspected	29

SECTION D

H O U S I N G

Housing Position at end of 1970

	<u>1970</u>	<u>1969</u>
Estimated Population	21,310	21,110
Units of accommodation	7,017	6,908
Number of Dwellings built by Council	33	70
Total number of Council houses built post-war	1,328	1,295
Estimated number of caravan dwellings	42	49
Number of Council House applicants	371	443
Number of persons per unit of accommodation	3.0	3.0

HOUSING STATISTICS

Number of dwellings erected during the year:

a)	by Local Authority	33
b)	by other bodies or persons	137

Inspection of dwelling houses during the year:

1.	Total number of dwelling houses inspected for housing defects (under Public Health/Housing Acts)	92
2.	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation	8
3.	Number of dwelling houses (exclusive of those referred to under the preceeding sub-headings) found not to be in all respects fit for human habitation	84

Remedy of Defects during the year without service of Formal Notices:

Number of defective dwelling houses rendered fit in consequence of informal action	13
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Action under Statutory Powers during the year:

Proceedings under the Public Health Acts:

Number of dwelling houses in respect of which notices were served requiring defects to be remedied	-
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SLUM CLEARANCE:

Proceedings under Section 17 of the Housing Act, 1957:

1.	Number of houses in respect of which Demolition Orders were made	-
2.	Closing Orders in lieu of Demolition Orders	7
3.	Number of houses demolished in pursuance of Demolition Orders	3
4.	Undertakings not to re-let	1

Proceedings under Section 18 of the Housing Act, 1957:

Number of Closing Orders in respect of parts of buildings	-
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During the year 4 Slum Clearance cases were re-housed, making a total of 248 since the Slum Clearance Programme was started.

SLUM CLEARANCE STATISTICS: (Since 1957)

Properties represented	411
Properties demolished	206
Properties closed	126
Properties reconstructed	77

NEW HOUSING

The Council have built 33 new properties, this includes flats and bungalows, and 137 have been built privately.

Total Post-war Development

Local Authority Development	1,328
Private Development	2,279
Total houses owned by Local Authority	1,717
(including 12 temporary pre-fab bungalows and 64 sub-standard dwellings purchased as part of the Central Area redevelopment scheme).	

Applicants Re-housed in Permanent Dwellings:

Pershore	(Houses)	14
Bishampton	(House)	1
Bredon	(House)	1
Dormston	(House)	1
Drakes Broughton	(Houses)	2
Eckington	(Houses)	2
Fladbury	(Flat)	1
	(House)	1
Littleworth	(Houses)	3
Lower Moor	(Flat)	1
Naunton Beauchamp	(House)	1
Norton-juxta-Kempsey	(House)	1
Peopleton	(Houses)	3
Pinvin	(Flats)	6
	(Houses)	5
	(Bungalows)	7
Pirton	(House)	1
Sneachill	(House)	1
Stoulton	(Houses)	5
	(Bungalow)	1
Wadborough	(House)	1
Wick	(Houses)	2
Wyre Piddle	(Houses)	2
		<hr/>
		63

Exchange of Tenancies

14 Exchanges of Tenancies involving 28 families	28
Transfer of Tenancies	54
	<hr/>
	145

Slum Clearance Cases

Number of Slum Clearance cases rehoused by Local Authority	4
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Clearance of Aluminium Bungalows

Number of prefabricated bungalows demolished	1
Number of tenants rehoused by Local Authority	1

HOUSING ACT, 1969

IMPROVEMENT GRANTS:

56 applications have been approved during the year, involving a total of 68 dwellings.

HOUSING ACT, 1969
Improvement Grants approved to 31st December, 1970

PARISH	No. of Applications Approved	No. of Dwellings Involved	Owner/ Occupied	Other
1. Abberton	3	4	2	2
2. Besford	8	9	2	7
3. Birlingham	17	33	6	27
4. Bishampton	12	13	11	2
5. Bredicot	4	5	2	3
6. Bredon	47	59	37	22
7. Bredons Norton	10	14	6	8
8. Bricklehampton	14	19	8	11
9. Broughton Hackett	7	9	4	5
10. Charlton	25	51	10	41
11. Churchill	1	1	-	1
12. Comberton, Great	8	10	3	7
13. Comberton, Little	14	14	12	2
14. Cropthorne	19	21	12	9
15. Defford	18	19	14	5
16. Dormston	4	4	4	-
17. Drakes Broughton/Wadborough	22	29	9	19
18. Eckington	23	25	19	6
19. Elmley Castle	7	7	5	2
20. Fladbury	27	36	19	17
21. Flyford Flavell	9	9	9	-
22. Grafton Flyford	6	7	4	3
23. Hill and Moor	22	30	13	17
24. Kington	3	3	3	-
25. Naunton Beauchamp	4	5	1	4
26. Netherton	-	-	-	-
27. North Piddle	5	5	5	-
28. Norton-Juxta-Kempsey	26	32	22	10
29. Peopleton	14	21	5	16
30. Pershore	65	87	37	50
31. Pinvin	16	19	11	8
32. Pirton	7	10	2	8
33. St. Peter the Great County	3	4	1	3
34. Spetchley	7	8	3	5
35. Stoulton	16	24	7	17
36. Strensham	7	8	2	6
37. Throckmorton	5	13	1	12
38. Upton Snodsbury	11	13	9	4
39. White Ladies Aston	15	17	10	7
40. Whittington	11	13	9	4
41. Wick	20	33	7	26
42. Wyre Piddle	7	6	5	2
TOTALS:	569	749	351	398

STANDARD GRANTS:

10 applications have been approved during the year, involving a total of 10 dwellings.

HOUSING ACT, 1969
Standard Grants approved to 31st December, 1970

PARISH	No. of Applications Approved	No. of Dwellings Involved	Owner/ Occupied	Other
1. Abberton	-	-	-	-
2. Besford	2	2	1	1
3. Birlingham	5	5	2	1
4. Bishampton	4	4	3	1
5. Bredicot	1	1	-	1
6. Bredon	15	17	8	9
7. Bredons Norton	3	3	3	-
8. Bricklehampton	2	2	1	1
9. Broughton Hackett	4	4	3	1
10. Charlton	4	4	3	1
11. Churchill	1	1	1	-
12. Comberton, Great	1	1	-	1
13. Comberton, Little	2	2	1	1
14. Cropthorne	6	6	4	2
15. Defford	7	7	4	3
16. Dormston	-	-	-	-
17. Drakes Broughton/Wadborough	6	6	4	2
18. Eckington	17	17	9	8
19. Elmley Castle	6	6	6	-
20. Fladbury	7	7	5	2
21. Flyford Flavell	6	6	5	1
22. Grafton Flyford	3	3	2	1
23. Hill & Moor	2	2	1	1
24. Kington	1	1	1	-
25. Naunton Beauchamp	2	2	1	1
26. Netherton	-	-	-	-
27. North Piddle	3	3	2	1
28. Norton-juxta-Kempsey	6	6	6	-
29. Peopleton	-	-	-	-
30. Pershore	20	20	18	2
31. Pinvin	6	6	5	1
32. Pirton	3	3	2	1
33. St. Peter the Great County	-	-	-	-
34. Spetchley	3	3	1	2
35. Stoulton	2	1	2	-
36. Strensham	-	-	-	-
37. Throckmorton	-	-	-	-
38. Upton Snodsbury	2	2	2	-
39. White Ladies Aston	4	4	3	1
40. Whittington	3	3	2	1
41. Wick	4	4	3	1
42. Wyre Piddle	2	3	1	2
TOTALS:	165	168	115	53

SECTION E

INSPECTION AND SUPERVISION OF FOOD

There are the following food premises in the District :

Bakers and Confectioners	8
Butchers	9
Cafe's and Restaurants	11
Easter Egg and Novelty Manufacturers	1
Fried Fish Shops	2
Fish Shops (Wet)	3
Greengrocery	12
Grocers	44
Wholesale Grocers	1
Licenced Premises	62
Poultry Processing Plants	2

Food premises are inspected regularly.

FOOD POISONING : Three cases of food poisoning were notified during the year.

CONDEMNATIONS : During the year Certificates were issued in respect of the following:-

	<u>Tons</u>	<u>Cwts.</u>	<u>lbs.</u>
Meat at Slaughterhouse	-	17	62
Poultry	27	12	67
Cooked Meat & Meat Products	-	-	13
Canned meats	-	-	42
Fish (Fresh)	-	-	34
Fruit and vegetables (fresh)	21	3	-
Frozen Foods due to cabinet breakdown	-	-	45

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SLAUGHTERHOUSES ACT, 1958

There are two licenced Slaughterhouses in the District, one in Pershore and one in Eckington. The Slaughterhouse at Eckington has been used infrequently during the year, the one in Pershore has been conducted in a satisfactory manner and has satisfied the Divisional Veterinary Officer of the Ministry of Agriculture on the statutory and informal inspections.

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MEAT INSPECTION: The following animals were slaughtered and inspected.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	516	-	13	1341	1024
Number inspected	516	-	13	1341	1024
<u>All Diseases except Tuberculosis and Cysticercosis</u>					
Whole carcasses condemned	1	-	3	1	5
Carcasses of which some part or organ was condemned	88	-	-	33	31
<u>Tuberculosis</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	1
<u>Cysticercosis</u>					
Carcasses of which some part or organ was condemned	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-

POULTRY INSPECTION:

Poultry inspection has proceeded satisfactorily at the two processing plants. The main reasons for condemnation amongst battery hens were ascites, emaciation and tumours. Chickens and Capons - tumours and emaciation.

The majority of condemnations were battery hens.

SECTION F

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Notifiable Diseases, 1970.

DISEASE	Corrected Notification	Admitted to Hospital	Deaths
Smallpox	-	-	-
Diphtheria	-	-	-
Scarlet Fever	1	-	-
Measles	105	-	-
Whooping Cough	-	-	-
Typhoid Fever	-	-	-
Paratyphoid	-	-	-
Dysentery	-	-	-
Meningococcal Infection	2	-	-
Acute Poliomyelitis	-	-	-
Acute Pneumonia	-	-	-
Polio-Encephalitis	-	-	-
Erysipelas	-	-	-
Puerperal Pyrexia Ophthalmia Neonatorium	-	-	-
Malaria	-	-	-
Food Poisoning	3	-	-
Infective Hepatitis	6	-	-
TOTAL:	117	-	-

TUBERCULOSIS:

Sex and age of new cases and deaths during 1970.

AGE	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0-	-	-	-	-	-	-	-	-
1-	-	-	-	-	-	-	-	-
5-	-	-	-	-	-	-	-	-
10 -	-	-	-	-	-	-	-	-
15-	-	-	-	-	-	-	-	-
20-	-	-	-	-	-	-	-	-
25-	-	-	-	-	-	-	-	-
35-	-	-	-	-	-	-	-	-
45-	-	-	-	-	-	-	-	-
55-	-	1*	-	-	-	-	-	-
65 & over	-	-	-	-	-	-	-	-
TOTAL	-	1	-	-	-	-	-	-

*This case was notified on death.

CASES IN REGISTER AT 31st DECEMBER, 1970

Type	M	F	TOTAL
Pulmonary	18	6	24
Non-Pulmonary	2	1	3
Totals :	20	7	27

FACTORIES ACT, 1961

1. INSPECTION FOR PURPOSES OF PROVISIONS AS TO HEALTH:

PREMISES	No. on Register	Inspections	Written Notices	Owner Prosecuted
1. Factories in which Sections 1,2,3,4 and 6 are to be enforced by the Local Authority	-	-	-	-
2. Factories not included in 1 in which Section 7 is enforced by the Local Authority	74	29	1	-
3. Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers premises)	-	-	-	-
TOTALS :	74	29	1	-

2. CASES IN WHICH DEFECTS WERE FOUND:

PARTICULARS	Found	Remedied	REFERRED		No. of cases in which prosecutions were Instituted
			to H.M. Inspector	by H.M. Inspector	
Want of Cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences					
a) Insufficient	1	-	-	-	-
b) Unsuitable or defective	-	-	-	-	-
c) No separate for sexes	-	-	-	-	-
OTHER offences against the Act (not including offences relating to Outworkers)	-	-	-	-	-
TOTALS :	1	-	-	-	-

OUTWORK IN UNWHOLESOME PREMISES: SECTIONS 110 AND 111

There were no instances of this during the year.

RODENT CONTROL

	Type of property	
	Non-Ag.	Agricultural
No. of properties in district	6702	859
Total number of properties (including nearby premises) inspected following notification	229	47
No. infested by Rats	198	45
No. infested by Mice	31	2
Total number of properties inspected for rats and/or mice for reasons other than notification	1143	323
No. infested by Rats	549	253
No. infested by Mice	27	5

Sewers

No sewers were infested by rats during the year.

The Council have made 45 Contracts for Rodent Control with a value of £485.00.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

REGISTRATIONS AND GENERAL INSPECTIONS:

Class of premises	No. of premises registered during the year	Total No. of registered premises at end of year	No. of registered premises receiving a general inspection during the year.
Offices	3	25	14
Retail Shops	1	59	36
Wholesale shops, warehouses	1	5	5
Catering establishments open to public, canteens	-	18	18
Fuel storage depots	-	-	-

NUMBER OF VISITS OF ALL KINDS (INCLUDING GENERAL INSPECTIONS) BY INSPECTORS TO REGISTERED PREMISES - 83

ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE -

Class of workplace	Number of persons employed
Offices	153
Retail Shops	218
Wholesale departments, warehouses	115
Catering establishments open to public	265
Canteens	10
Fuel Storage Depots	-
 TOTAL -	 <u>761</u>
 <u>Total Males - 372</u> <u>Total Females - 389</u>	

